UNIVERSAL PHOTONICS INCORPORATED

85 Jetson Lane, Central Islip, NY 11722
516.935.4000 • fax 516.935.4039
WWW.UNIVERSALPHOTONICS.COM
Advanced Surfacing Products & Technology

MATERIAL SAFETY DATA SHEET: RHODOL CA

SECTION 1: CHEMICAL PRODUCT & COMPANY INFORMATION

APPLICABLE PART #: **BF5000, BF5003, BG5005, BF5005NS**

IDENTITY: **Rhodol CA**

SUPPLIER: **Universal Photonics, Inc.**
85 Jetson Lane
Central Islip, NY 11722

FOR INFORMATION CALL
CUSTOMER SERVICE **(516) 935-4000**
DATE PREPARED: **January 3, 2017**

EMERGENCY TELEPHONE NUMBER: **1.866.519.4752** **3-E COMPANY - ACCT # 3665**

SECTION 2: COMPOSITION INFORMATION

			OSHA PEL		ACGIH TLV	
COMPONENT	CAS#	WT %	TOTAL	RESPIRABLE	TOTAL	RESPIRABLE
Alumina	**1344-28-1**	**90-100**	**10**	**5**	**10**	**5**

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: **Inhalation** CARCINOGEN LISTED IN: **IARC Monograph**

EYE CONTACT **May cause irritation, contact lenses should be avoided**

SKIN IRRITATION: **May cause irritation**

INHALATION: **Dust may cause: Acute – coughing and shortness of breath**
Chronic – may affect breathing capacity

INGESTION: **Effect unknown, ingestion should be avoided**

ADDITIONAL EFFECT: **IARC has determined there is limited evidences of carcinogenicity of crystalline silicas in humans – crystalline silica is listed as carcinogen. Crystalline silica may cause birth defects. State of California has determined benzyl chloride and Formaldehyde may be carcinogenic.**

SECTION 4: FIRST AID MEASURES

EYE CONTACT: **Flush with large amount of water, do not rub. Obtain medical assistance as needed.**

INHALATION: **Remove to fresh air, apply artificial respiration as needed, obtain medical assistance as needed.**

INGESTION: **Drink large amounts of water, do not attempt to give water if unconscious, obtain medical assistance as needed.**

SKIN CONTACT: **Wash with plenty of water, obtain medical assistance as needed.**

NOTE TO PHYSICIAN: **Crystalline silica is listed as potential carcinogen prolonged exposure to amorphous silica can cause delayed lung injury.**

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SECTION 5: FIRE FIGHTING MEASURES

Flash Point and Method: **Non-Combustible** Auto-ignition Temp: **Not Applicable**

Flammability Limits in Air by Volume: **LEV None**
UEL None

Extinguisher Media: **Appropriate to surrounding materials**

Special Fire Fighting Procedures: **Avoid exposure to dust, use NIOSH approved respiratory protection**

Unusual Fire and explosion Hazards: **Closed containers may build up steam pressure if exposed to high heat**

SECTION 6: ACCIDENTAL RELEASE MEASURES

Response to Spills: **Scoop up, keep material wet to avoid dust generation. Flush residue with water.**

Precautions: **Avoid sweeping or other methods which will cause dust to become airborne. Wear proper protective equipment.**

Disposal Methods: **Dispose of in accordance with local, state, and federal regulations.**

SECTION 7: HANDLING & STORAGE

Recommended Storage Practice and Conditions: **Keep from freezing, avoid excessive temperatures.**

SECTION 8: PERSONAL PROTECTION AND EXPOSURE CONTROLS

Eye Protection: **Side shield safety glasses; goggles or face shield recommended.**

Skin Protection: **Gloves recommended**

Respiratory Protection: **If becomes airborne wear approved dust respirators/masks required; See OSHA 29 CFR 1910.134 Subpart Z.**

Ventilation: **Handle with adequate ventilation for nuisance dust; see OSHA 29 CFR 1919.94 and .100.**

Personal Hygiene: **Wash thoroughly after using. Keep clothing and personal protective gear clean in order to avoid skin irritation.**

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	**Slurry**	VAPOR DENSITY (air=1)	**<1**
BOILING POINT	**100ºC**	EVAPORATION RATE	**>water**
MELTING POINT	**Noneº**	SPECIFIC GRAVITY	**< 5**
SOLUBILITY IN WATER	**Slight**	PH	**6-9**

SECTION 10: STABILITY & REACTIVITY

STABILITY: **Stable.**

HAZARDOUS POLYMERIZATION: **Will not occur.**

INCOMPATABILITY: **None Known.**

DECOMPOSITION PRODUCTS: **Steam.**

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SECTION 11: TOXICOLOGICAL INFORMATION

N/A

SECTION 12: ECOLOGICAL INFORMATION

N/A

SECTION 13: DISPOSAL INFORMATION

Disposal Methods: **Dispose of in accordance with local, state, and federal regulations.**

SECTION 14: TRANSPORTATION INFORMATION

N/A

SECTION 15: REGULATORY INFORMATION

Not regulated

SECTION 16: OTHER INFORMATION

HMIS Rating: **Health: 1** **Flammability: 0** **Reactivity: 0** **Personal Protection: E**

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